

bs-14359R**[Primary Antibody]****BioSS**
ANTIBODIES

www.bioss.com.cn

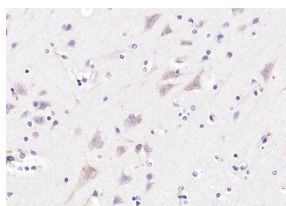
sales@bioss.com.cn

techsupport@bioss.com.cn

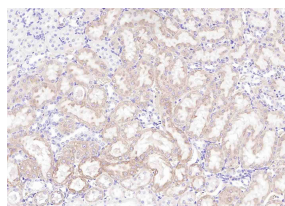
400-901-9800

DNAH1 Rabbit pAb**— DATASHEET —**

| | | |
|---|----------------------|---|
| Host: Rabbit | Isotype: IgG | Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Cow) Predicted MW.: 494 kDa Subcellular Location: Cytoplasm |
| Clonality: Polyclonal | | |
| GeneID: 25981 | SWISS: Q9P2D7 | |
| Target: DNAH1 | | |
| Immunogen: KLH conjugated synthetic peptide derived from human DNAH1: 4201-4330/4330. | | |
| Purification: affinity purified by Protein A | | |
| Concentration: 1mg/ml | | |
| Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. | | |
| Background: Dyneins are multisubunit, high molecular weight ATPases that interact with microtubules to generate force by converting the chemical energy of ATP into the mechanical energy of movement. Axonemal Dynein motors contain one to three non-identical heavy chains and cause a sliding of microtubules in the axonemes of cilia and flagella in a mechanism necessary for cilia to beat and propel the cell. DNAH1 (dynein heavy chain 1, axonemal), also known as heat shock regulated protein 1 or ciliary dynein heavy chain 1, is a 4,330 amino acid protein consisting of at least two heavy chains and several intermediate and light chains. Mutations in the gene encoding DNAH1 may be a cause of primary ciliary dyskinesia, also known as Kartagener Syndrome, which is characterized by chronic recurrent respiratory infections due to defective cilia action in the respiratory tract. There are three isoforms of DNAH1 that exist as a result of alternative splicing events. | | |

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (human brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (DNAH1) Polyclonal Antibody, Unconjugated (bs-14359R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (DNAH1) Polyclonal Antibody, Unconjugated (bs-14359R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.